

Listing of Claims

This listing of claims reflects the currently pending claims in the application, upon the entry of the Amendment Under 37 C.F.R. § 41.33(a) filed on February 21, 2007. The Advisory Action mailed on March 12, 2007 indicated that the foregoing Amendment would be entered.

1 (previously presented): A prestressed foam glass tile wherein said tile has a compression strength of 10,000 psi or greater prior to being in a prestressed condition and a prestress compression of 4,000 psi or greater.

2 - 4 (canceled)

5 (original): The prestressed foam glass tile of claim 1, wherein said prestress compression is 5000 psi or greater.

6 - 12 (canceled)

13 (previously presented): The prestressed foam glass tile of claim 1, wherein a tension member is under tension outside of said prestressed foam glass tile to provide said prestress compression.

14 (previously presented): The prestressed foam glass tile of claim 13, wherein said tension member is comprised of a tension bolt.

15 - 22 (canceled)

23 (previously presented): A prestressed assembly for use in buildings or other structures comprising:

at least one prestressed foam glass tile, having a compression strength of 10,000 psi or greater prior to being in a prestressed condition and a prestress compression of 4,000 psi or greater;

at least two metal beams; and

one or more tension members

wherein said at least one prestressed foam glass tile is placed between said at least two metal beams and held in compression of at least 4,000 psi by said one or more tension members.

24 - 26 (canceled)

27 (original): The prestressed assembly of claim 23, wherein said prestress compression of said at least one prestressed foam glass tile is 5000 psi or greater.

28 (canceled)

29 (original): The prestressed assembly of claim 23, wherein said assembly is a column in a building.

30 (original): The prestressed assembly of claim 23, wherein said metal beams are comprised of steel.

31 (previously presented): The prestressed assembly of claim 23, wherein said one or more tension members are comprised of tension bolts.

32 - 36 (canceled)

37 (previously presented): The prestressed assembly of claim 23, wherein said one or more tension members are not within said at least one prestressed foam glass tile.

38 - 41 (canceled)

42 (previously presented): A prestressed foam glass tile wherein said tile has a prestress compression of 4,000 psi or greater and an average pore size of 1.0 mm or less, wherein said average pore size is measured based on the distance between two farthest points of pore surface.

43 (previously presented): The prestressed foam glass tile of Claim 42, wherein said average pore size is 0.7 mm or less.

44 (previously presented): The prestressed foam glass tile of Claim 42, wherein said average pore size is 0.6 mm or less.

45 (previously presented): The prestressed foam glass tile of Claim 42, wherein said average pore size is 0.5 mm or less.

46 (previously presented): The prestressed foam glass tile of Claim 42, wherein said average pore size is 0.4 mm or less.

47 (previously presented): The prestressed foam glass tile of Claim 42, wherein said average pore size is 0.3 mm or less.

48 - 50 (canceled)

51 (previously presented): The prestressed foam glass tile of Claim 42, wherein said prestress compression is 5000 psi or greater.

52 (previously presented): The prestressed foam glass tile of Claim 42, wherein a tension member is under tension outside of said prestressed foam glass tile to provide said prestress compression.

53 (previously presented): The prestressed foam glass tile of Claim 52, wherein said tension member is comprised of a tension bolts.

54 (previously presented): A prestressed assembly for use in buildings or other structures comprising:

at least one prestressed foam glass tile, having a prestress compression of 4,000 psi or greater, and an average pore size of 1.0 mm or less, wherein said average pore size is measured based on the distance between two farthest points of pore surface;

at least two metal beams; and

one or more tension members

wherein said at least one prestressed foam glass tile is placed between said at least two metal beams and held in compression of at least 4,000 psi by said one or more tension members.

55 (previously presented): The prestressed assembly of Claim 54, wherein said average pore size of said at least one prestressed foam glass tiles is 0.7 mm or less.

56 (previously presented): The prestressed assembly of Claim 54, wherein said average pore size of said at least one prestressed foam glass tiles is 0.6 mm or less.

57 (previously presented): The prestressed assembly of Claim 54, wherein said average pore size of said at least one prestressed foam glass tiles is 0.5 mm or less.

58 (previously presented): The prestressed assembly of Claim 54, wherein said average pore size of said at least one prestressed foam glass tiles is 0.4 mm or less.

59 (previously presented): The prestressed assembly of Claim 54, wherein said average pore size of said at least one prestressed foam glass tiles is 0.3 mm or less.

60 - 62 (canceled)

63 (previously presented): The prestressed assembly of Claim 54, wherein said prestress compression of said at least one prestressed foam glass tile is 5000 psi or greater.

64 (previously presented): The prestressed assembly of Claim 54, wherein said metal beams are comprised of steel.

65 (previously presented): The prestressed assembly of Claim 54, wherein said one or more tension members are comprised of tension bolts.

66 (previously presented): The prestressed assembly of Claim 54, wherein said one or more tension members are not within said at least one prestressed foam glass tile.